

Culvert Replacement





Why replace culverts?

1. Obstruct salmon passage (Fish Barrier)
2. Capacity Issues (Undersized)
3. Potential future failure prevention
 - Rusted or at risk of collapse.
 - Frequent debris blockages.

Pictured: Maddox Creek Culvert



Maddox Creek Culvert Removal Project was a cooperative effort between the City of Mount Vernon, Skagit County, and the Skagit Conservation District.

Maddox Creek Culvert Replacement

Before Removal

Fish Barrier and at risk of
collapsing.

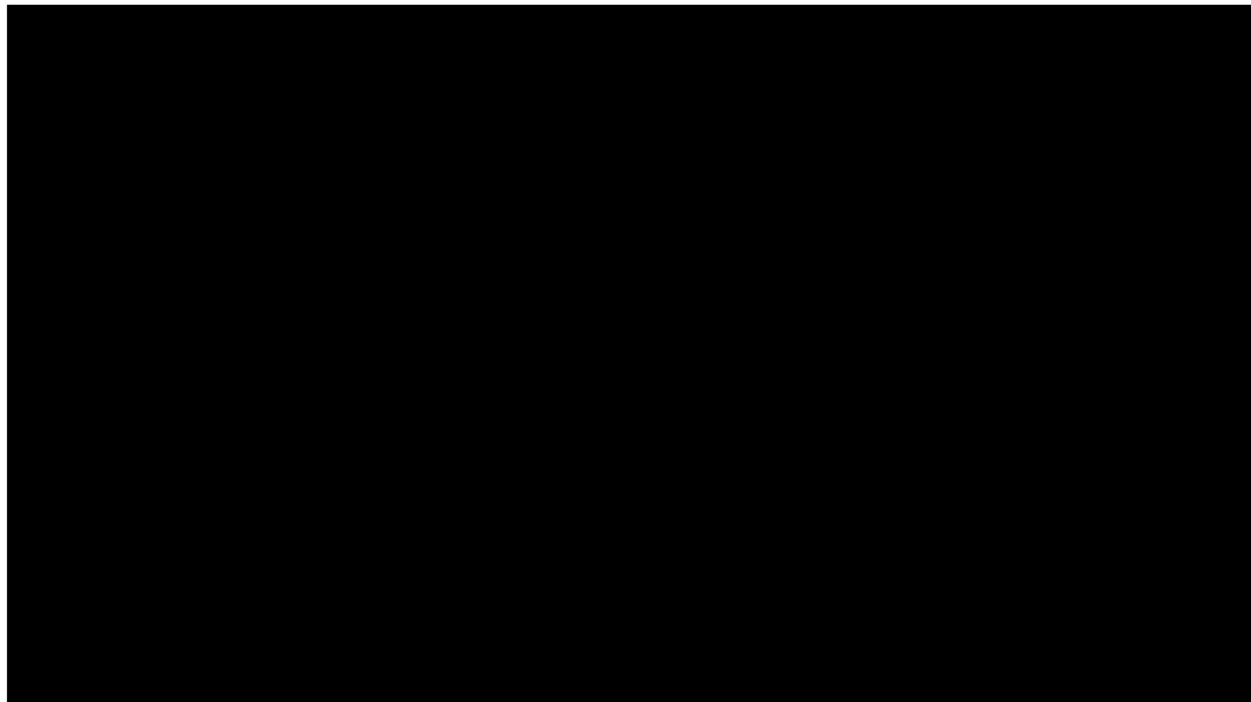


During Removal



After
Removal

Impacts of Culvert Removal: Maddox Creek





BNSF Culvert Replacement

Before Removal

Kulshan Creek Culvert Removal Project was a cooperative effort between the City of Mount Vernon and Burlington Northern Santa Fe Railway.



During
Removal



After
Removal






BNSF Culvert Improvement: Details

1. Improved drainage
2. Salmon movement upstream
3. Restored riparian corridor

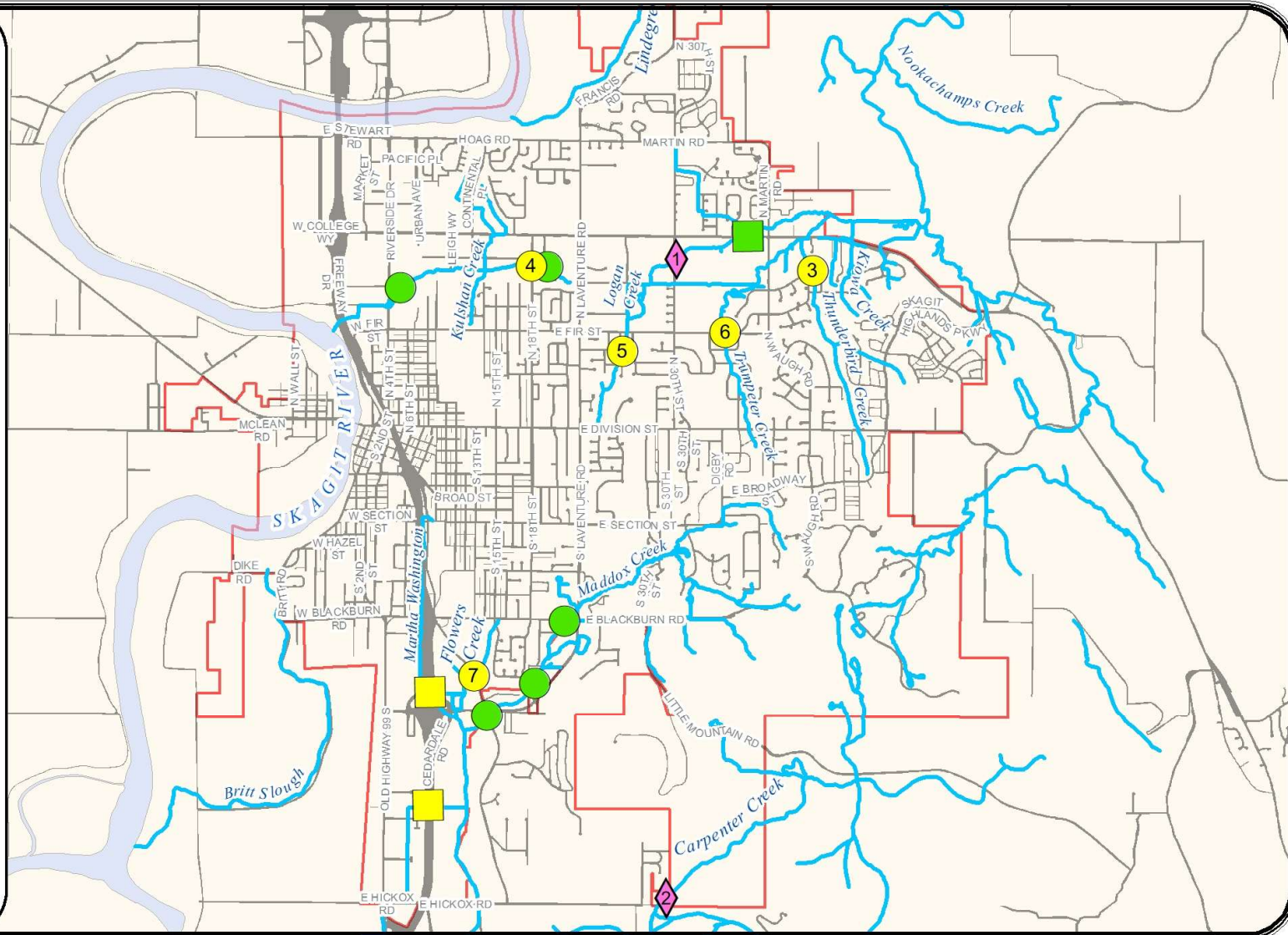


Mount Vernon Fish Passage Barriers

- 1: N 30th St - Logan Creek
- 2: E Hickox Rd - Carpenter Creek
- 3: Seneca Dr - Thunderbird Creek
- 4: N 18th St / N 19th St - Kulshan Creek
- 5: Alison Ave - Logan Creek
- 6: E Fir St - Trumpeter Creek
- 7: Blodgett Rd - Flowers Creek

City	State
 In Design	
 Identified	
 Completed Projects	

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Miles



Questions ?

If you have any questions or comments, feel free to call us at (360) 336-6204.

Email us at Mvengineering@mountvernonwa.gov